

1                   **ABSTRACT OF THE DISCLOSURE**

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3       A separator device for separating heavier small particles, solids and  
4 liquids, in suspension in a fluid that are forced through a wound conduit  
5 member with a plurality of through openings on the outermost wall  
6 portion. The fluid is forced by a pressure differential between the inlet and  
7 the outlet. That causes said fluid to achieve a predetermined speed inside  
8 the conduit member. A housing covering the conduit member collects  
9 and/or contains the heavier matter that exits the through openings by the  
10 effect of centrifugal forces acting thereon. The centrifugal force generated  
11 will be proportional to the speed square and inversely proportional to the  
12 radius of curvature. Inwardly extending walls trap or force small particles  
13 outwardly through the through openings. Also, outwardly extending  
14 walls prevent the small particles and/or water in suspension from re-  
15 entering the conduit member.

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